Contents of Volume 23

Number 1, Januari/February 1992

Acknowledgement 1

Suppression of pulmonary hypersensitivity granulomas in mice by superoxide dismutase
T. Kasama, K. Kobayashi, N. Yamagata, T. Matsuda, K. Kasahara and T. Takahashi 3

Species-specific effect of proteins secreted by cultured pre-pubertal rat Sertoli cells on natural killer cell activity
D.B. Nikolova, L.S. Kancheva, M.D. Surneva and Y.S. Martinova 15

Effect of the selective 5-HT_2 antagonist ketanserin on adenosine-induced bronchoconstriction in asthmatic subjects
M. Cazzola, M.G. Matera, G. Santangelo, G. Assogna, G. D'Amato, F. Rossi and G. Girbino 21

Interaction of iron polymers with blood mononuclear cells and its detection with the Prussian Blue reaction
H.A. Pons, A. Soyano and E. Romano 29

Multidrug transport in human autoimmune T line cells and peripheral blood lymphocytes
H.J. Schluesener, C. Koeppel and S. Jung 37

Factors that define the susceptibility of endothelial cells to tumor necrosis factor and lipid A
P.A. van de Wiel, E.S. Weitenberg, A. van der Pijl and N. Bloksma 49

Opioids depress in vitro human monocyte chemotaxis
J.-L. Pérez-Castrillón, J.-L. Pérez-Arelano, J.-D. Garcia-Palomo, A. Jiménez-López and S. De Castro 57

Announcements 63

Number 2, March/April 1992

Induction of suppressor cell activity in vivo and suppression of lymphoproliferative responses in vitro by SK&F 105685 in the dog
P.A. Thiem, J.M. Kaplan, P.J. Bugelski, E.V. Ruggieri and A.M. Badger (U.S.A.) 67

Effect of testosterone on the eosinophil response of C57BL/6 mice to infection with *Brugia pahangi*
H. Nakanishi, Y. Horii and K. Fujita (Japan) 75

Melatonin as immunomodulator in immunodeficient mice
M. C. Caroleo, D. Frasca, G. Nisticó and G. Doria (Italy) 81

Tiopronin (2-mercaptopropionylglycine) has chemokinetic and chemotactic properties for polymorphonuclear leukocytes
J. G.R. Elferink and B.M. de Koster (The Netherlands) 91

Interleukin-6 can prime THP-1 macrophages for enhanced production of tumor necrosis factor-α in response to LPS
F.R. Cochran and M.B. Finch-Arietta (U.S.A.) 97

Immunomodulation of proteoglycan-induced progressive polyarthritis by leflunomide
T.T. Glant, K. Mikecz, R.R. Bartlett, F. Deák, E.J.-M.A. Thonar, J.M. Williams, T. Mattar, K.E. Kuettner and R. Schleyerbach (U.S.A., Germany, Hungary) 105

Distinction between the in vitro and in vivo inhibitory effects of morphine on lymphocyte proliferation based on agonist sensitivity and naltrexone reversibility
B.M. Bayer, M.R. Gastonguay and M.C. Hernandez (U.S.A.) 117

Levamisole augments roxatidine's immune modulatory effects in the graft-versus-host reaction (GVHR)
J.R. Snyman and De K. Sommers (South Africa) 125

Role of bradykinin in inflammatory arthritis: identification and functional analysis of bradykinin receptors on human synovial fibroblasts
J. Uhl, S. Singh, L. Brophy, D. Faunce and D.G. Sawutz (U.S.A.) 131

N-[9H-(2,7-Dimethylfluorenyl-9-methoxy)carbonyl]-L-leucine, NPC 15669, prevents neutrophil adherence to endothelium and inhibits CD11b/CD18 upregulation
J.M. Bator, M. Weitzberg and R.M. Burch (U.S.A.) 139

Announcements 151

Number 3, May/June 1992

Identification of vimentin in rat peritoneal mast cells and its phosphorylation in association with histamine release
K. Izushi, Y. Fujiwara and K. Tasaka (Japan) 153

Inhibitory effects of bestatin on the growth of human lymphocytes
K. Ino, K.-i. Isobe, S. Goto, I. Nakashima and Y. Tomoda (Japan) 163

A potential vaccine for cocaine abuse prophylaxis
O. Bagasra, L.J. Forman, A. Howeedy and P. Whittle (USA) 173

Glucocorticoids modulate the induction of BLTE/granzyme A activity in the murine T cell hybridoma PC60
F. Aebischer and S.E. Schlegel-Haueter (Switzerland) 181

EMD 52692 (bimakalim), a new potassium channel opener, attenuates luminol-enhanced chemiluminescence and superoxide anion radical formation by zymosan-activated polymorphonuclear leukocytes
G.M. Pieper and G.J. Gross (USA) 191

Augmentation of the radiation-induced antiproliferative effect in combined use of a derivative of nitrosourea, ACNU, with recombinant human tumor necrosis factor
K. Matsunaga, H. Mashiba, Y. Seo, S. Wada and K. Hata (Japan) 199

Inhibition of DNA synthesis in peripheral blood mononuclear cells treated with phosphatidylserines containing unsaturated acyl chains
E. Caselli, O.R. Baricordi, L. Melchiorri, F. Bellini, D. Ponzin and A. Bruni (Italy) 205

Announcement 215

Author Index 217

Subject Index 219

Contents of Volume 23 221